

FIG. 1

The diagram illustrates a network system 10 comprising three licensed operators: LICENSED OPERATOR 1, LICENSED OPERATOR 2, and LICENSED OPERATOR 3.

LICENSED OPERATOR 1 includes nodes 2-B, 2-C, and 2-A. Node 2-B is connected to node 2-A via a message (80) with parameters OPC=2-B, DPC=(2-G). Node 2-C is connected to node 2-A via a link (80). Node 2-A is connected to node 2-E in LICENSED OPERATOR 2 via a link (180) with parameters LS=2-I and to node 2-R in LICENSED OPERATOR 3 via a link (170) with parameters LS=2-R. Node 2-A also receives a message (180) from node 2-R with parameters OPC=2-B, DPC=(2-H).

LICENSED OPERATOR 2 includes nodes 2-E and 2-A. Node 2-E is connected to node 2-A via a link (180) with parameters OPC=(2-X), DPC=2-A.

LICENSED OPERATOR 3 includes nodes 2-R and 2-B. Node 2-R is connected to node 2-B via a link (150).

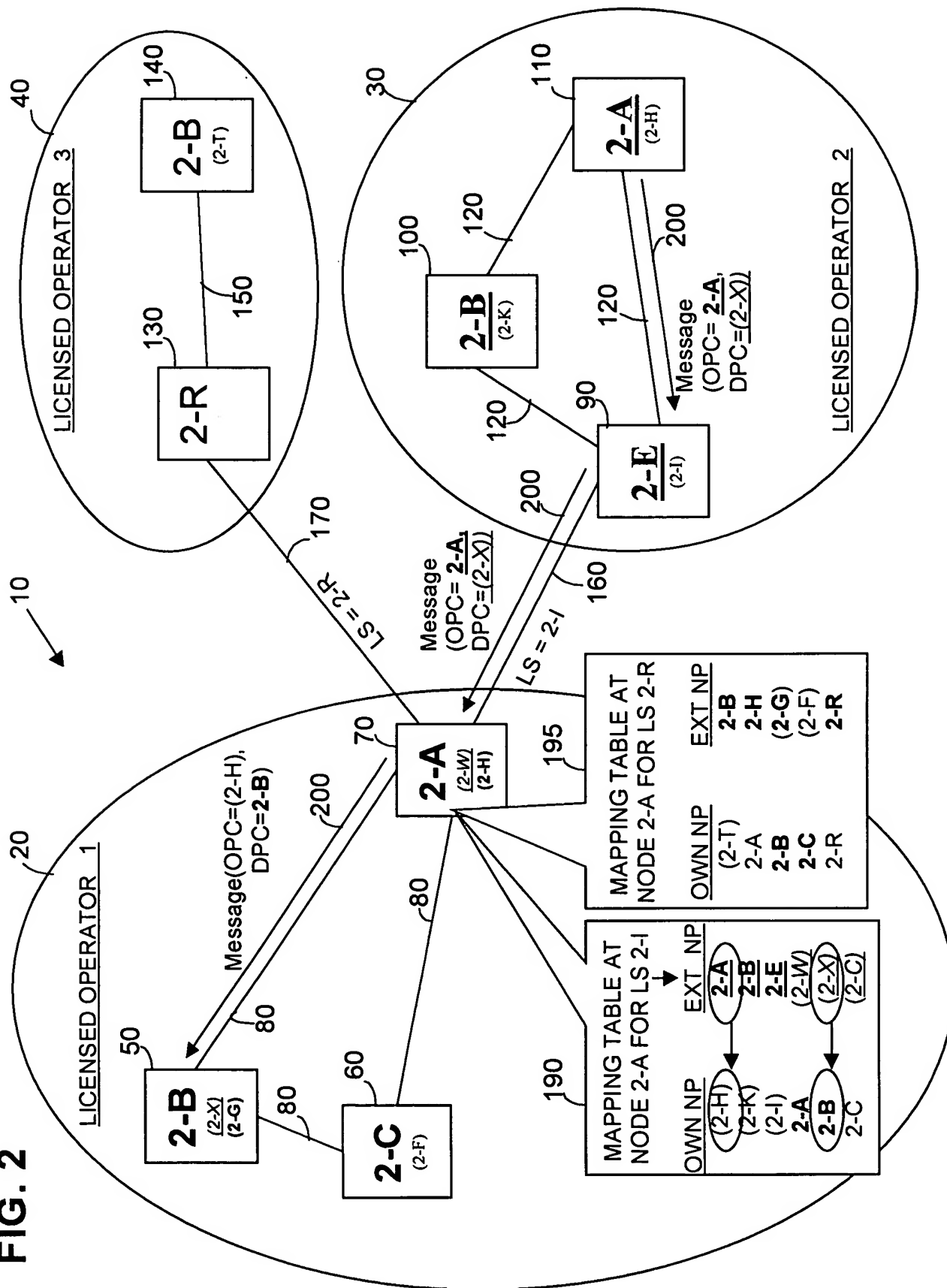
MAPPING TABLE AT NODE 2-A FOR LS 2-I

OWN NP	EXT NP
(2-H)	2-A
(2-K)	2-B
(2-I)	2-C
2-A	(2-X)
2-B	(2-C)

MAPPING TABLE AT NODE 2-E FOR LS 2-R

OWN NP	EXT NP
(2-T)	2-B
2-A	2-H
2-B	(2-G)
2-C	(2-F)
2-R	2-R

FIG. 2



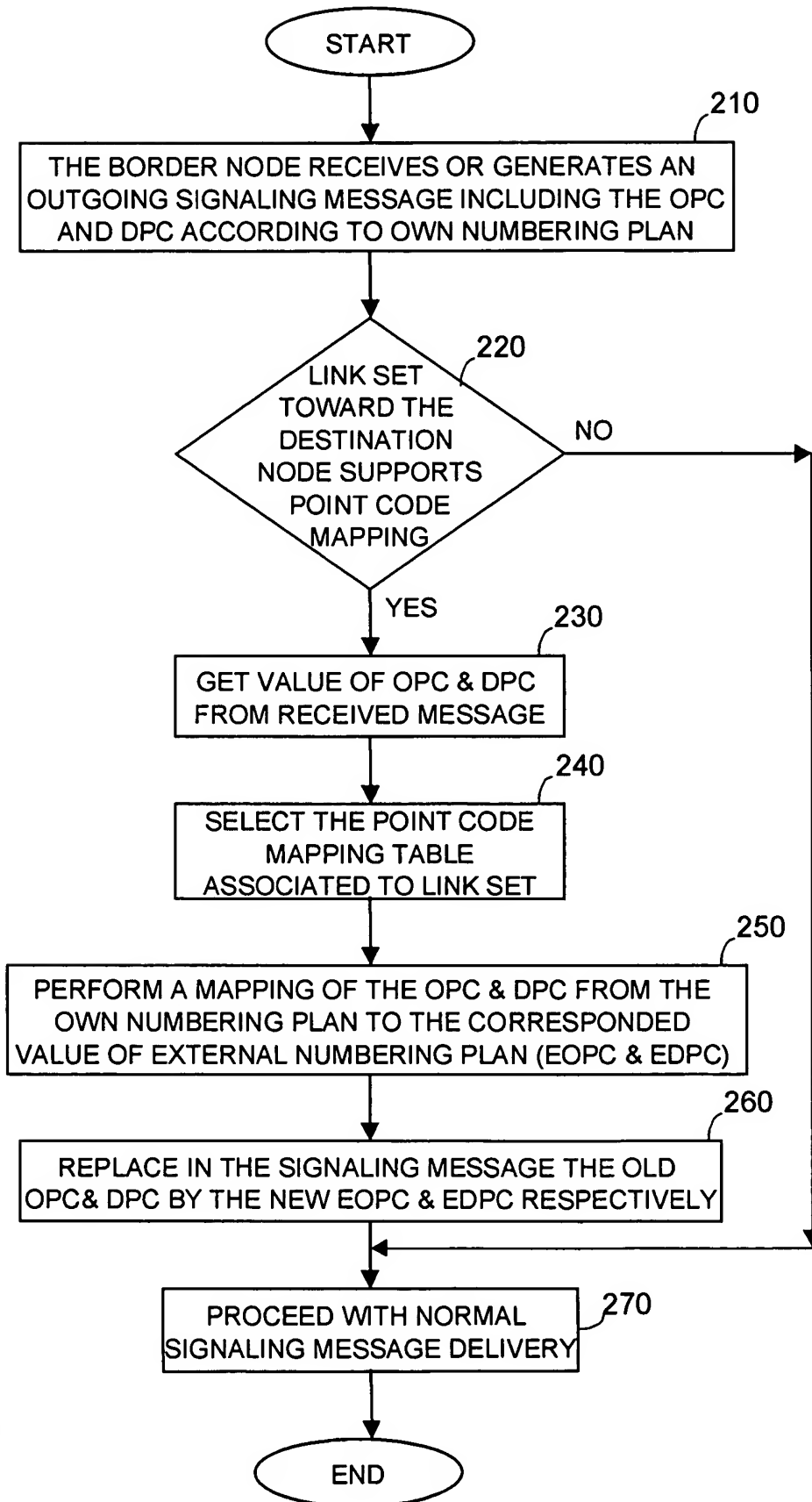


FIG. 3

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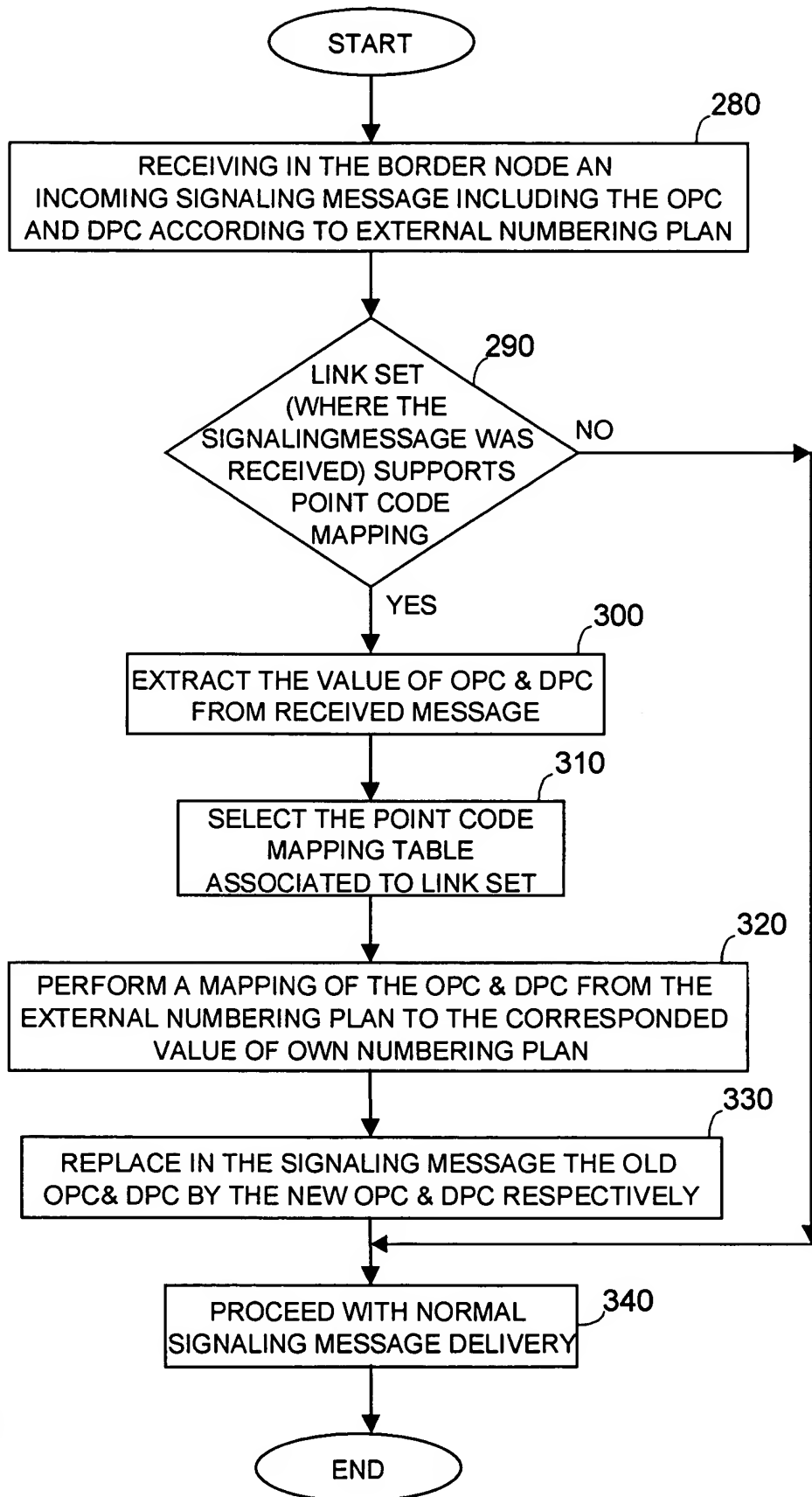


FIG. 4

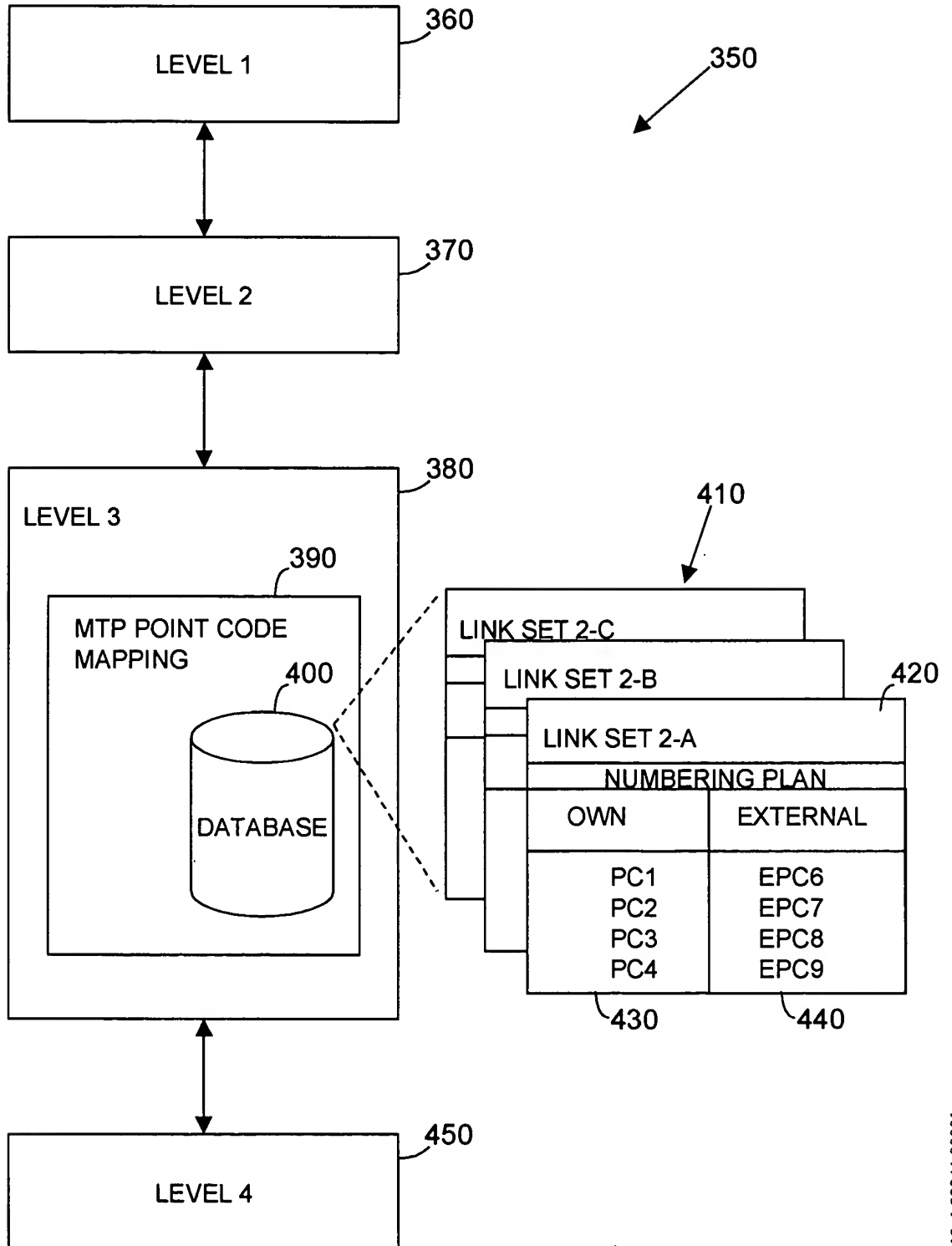


FIG. 5